

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|---|------------------|---------|------------------|
| S1 | 2 | ((("6717067") or ("6320128"))).PN. | US-PGPUB; USPAT | OR | OFF | 2005/02/03 13:28 |
| S2 | 9 | ((("4273412") or ("4747652") or ("4834482") or ("4973133") or ("5127072") or ("5217072") or ("5696657") or ("5822049") or ("6552615"))).PN. | US-PGPUB; USPAT | OR | OFF | 2005/02/03 13:53 |
| S3 | 99 | ("5909523" "4518858" "5647041" "6337939" "6406196" "6837627" "5001722" "5812715" "5308964" "5412229" "5475783" "5519324" "5633971" "5963696" "5987046" "6238943" "6320664" "4936646" "5200612" "5353294" "5617439" "5764825" "6094517" "5903393" "4955014" "5343037" "5734773" "4352983" "4962986" "5015843" "5243293" "5251319" "5349954" "5353791" "5857049" "5914458" "5949945" "5952647" "4265699" "4301543" "4346294" "4398795" "4398794" "4422715" "4430572" "4475789" "4493113" "4577209" "4764984" "4776659").pn. ("4812641" "4900920" "4950046" "4989051" "5018859" "5018860" "5200024" "5201022" "5278929" "5283429" "5321257" "5337392" "5345075" "5361155" "5404006" "5404414" "5455883" "5508842" "5532493" "5552978" "5568304" "5589961" "5621518" "5627637" "5701379" "5714773" "5818322" "5825516" "5854867" "5859719" "5910012" "5916458" "5936263" "5966493" "5972516" "5986790" "6010251" "6019523" "6027255" "6088492" "6124958" "6161965" "6226437" "6226437" "6241399" "6257772" "6264377" "6285475" "6324314" "6350064").pn. | USPAT | OR | OFF | 2005/02/03 13:53 |
| S4 | 21929 | (optical with (fiber\$1 or fibre\$1)) same (metal or solder or epoxy) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/03 15:00 |

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| S5 | 10568 | (optical with (fiber\$1 or fibre\$1)) with (metal or solder) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/03 15:01 |
| S6 | 118 | ((optical with (fiber\$1 or fibre\$1)) with (metal or solder)) same (photo\$diode\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/03 16:48 |
| S7 | 20 | ("3423594" "4042823" "4075477" "4118100").PN. OR ("4192574").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/03 15:04 |
| S8 | 33 | ("3800388" "3808549" "3932761" "3948582").PN. OR ("4118100").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/03 15:09 |
| S9 | 33 | ("3982815" "4015894" "4065203" "4076376" "4118100").PN. OR ("4166668"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/03 15:11 |
| S10 | 6 | ("3932761" "4166668" "4192574").PN. OR ("4515432"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/03 15:16 |
| S11 | 13 | ("4045120" "4076376" "4080044" "4101197" "4118100").PN. OR ("4241978"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/03 15:23 |
| S12 | 15 | ("4170399" "4186996" "4192574" "4241978" "4268114" "4329190" "4647331" "5032898" "5065011" "5361317" "5392372" "6017681").PN. OR ("6524017").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/03 15:29 |
| S13 | 6 | ("4269648" "4501637" "4653847" "5658966" "6524017" "6642068").PN. OR ("6773169").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/03 15:33 |
| S14 | 29 | ("4192574" "4227975").PN. OR ("4326771").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/03 15:40 |
| S15 | 0 | ("2005/0018975").URPN. | USPAT | OR | OFF | 2005/02/03 16:01 |
| S16 | 11 | ((optical with (fiber\$1 or fibre\$1)) same (core with (metal or solder))) same (photo\$diode\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/03 16:50 |

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| S17 | 2565 | photo\$diode\$1 same anode\$1 same cathode\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/03 16:51 |
| S18 | 54 | photo\$diode\$1 same anode\$1 same cathode\$1 same ("TIA" or (transimpedance with amplifier\$1)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/03 16:52 |
| S19 | 8 | (optical with (fiber\$1 or fibre\$1)) same photo\$diode\$1 same anode\$1 same cathode\$1 same ("TIA" or (transimpedance with amplifier\$1)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/03 16:52 |
| S20 | 33 | (US-20050018975-\$ or US-20040129991-\$).did. or (US-4273412-\$ or US-4265699-\$ or US-4346294-\$ or US-4398794-\$ or US-4475789-\$ or US-4493113-\$ or US-4955014-\$ or US-4989051-\$ or US-5001722-\$ or US-5568304-\$ or US-5857049-\$ or US-6027255-\$ or US-6241399-\$ or US-6257772-\$ or US-6406196-\$ or US-4192574-\$ or US-4118100-\$ or US-4166668-\$ or US-4466009-\$ or US-4515432-\$ or US-4241978-\$ or US-4045120-\$ or US-4653847-\$ or US-5032898-\$ or US-6524017-\$ or US-4329190-\$).did. or (US-6017681-\$ or US-6733190-\$ or US-6773169-\$ or US-4457582-\$ or US-4326771-\$).did. | US-PGPUB; USPAT | OR | OFF | 2005/02/03 16:54 |
| S21 | 5 | S20 and (((fiber\$1 or fibre\$1) with core) same (metal or solder)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/03 16:58 |
| S22 | 1950 | ((fiber\$1 or fibre\$1) with core) same (adher\$3 or secur\$3) same (epoxy or solder or glue or resin) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/03 17:00 |

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| S23 | 10 | photo\$diode\$1 same ((fiber\$1 or fibre\$1) with core) same (adher\$3 or secur\$3) same (epoxy or solder or glue or resin) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/03 17:01 |
| S24 | 12 | ((fiber\$1 or fibre\$1) with core) same (adher\$3 or secur\$3) same (epoxy and solder) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/03 17:03 |
| S25 | 6 | ((fiber\$1 or fibre\$1) with core) same (adher\$3 or secur\$3) same (epoxy and solder and metal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/03 17:03 |
| S26 | 16 | ((fiber\$1 or fibre\$1) with core) same (adher\$3 or secur\$3) same (resin and solder) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/03 17:06 |
| S27 | 3 | ((fiber\$1 or fibre\$1) with core) same (adher\$3 or secur\$3) same (resin and (metal with solder)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/03 17:06 |
| S28 | 4 | ((fiber\$1 or fibre\$1) with core) same (adher\$3 or secur\$3) same ((epoxy or resin or glue or adhesive) and (metal with solder)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/03 17:06 |
| S29 | 29 | ((fiber\$1 or fibre\$1) with core) same (adher\$3 or secur\$3) same ((epoxy or resin or glue or adhesive) and solder) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/04 07:51 |
| S30 | 1720 | ((fiber\$1 or fibre\$1) with (core near2 metal)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/04 07:53 |

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| S31 | 23 | ((fiber\$1 or fibre\$1) with flat with (core near2 metal)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/04 07:54 |
| S32 | 219 | ((optical with (fiber\$1 or fibre\$1)) with (core near2 metal)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/04 08:25 |
| S33 | 562 | ((optical with (fiber\$1 or fibre\$1)) with (core near5 (metal or solder))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/04 08:25 |
| S34 | 343 | S33 not S32 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/04 08:26 |
| S35 | 343 | S34 not (S6-S29) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/04 08:26 |
| S36 | 118 | ((optical with (fiber\$1 or fibre\$1)) with (metal or solder)) same (photo\$diode\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/04 08:27 |
| S37 | 20 | ("3423594" "4042823" "4075477" "4118100").PN. OR ("4192574").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/04 08:27 |
| S38 | 33 | ("3800388" "3808549" "3932761" "3948582").PN. OR ("4118100").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/04 08:27 |
| S39 | 33 | ("3982815" "4015894" "4065203" "4076376" "4118100").PN. OR ("4166668").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/04 08:27 |
| S40 | 6 | ("3932761" "4166668" "4192574").PN. OR ("4515432").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/04 08:27 |

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| S41 | 13 | ("4045120" "4076376" "4080044" "4101197" "4118100").PN. OR ("4241978").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/04 08:27 |
| S42 | 15 | ("4170399" "4186996" "4192574" "4241978" "4268114" "4329190" "4647331" "5032898" "5065011" "5361317" "5392372" "6017681").PN. OR ("6524017").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/04 08:27 |
| S43 | 6 | ("4269648" "4501637" "4653847" "5658966" "6524017" "6642068").PN. OR ("6773169").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/04 08:27 |
| S44 | 29 | ("4192574" "4227975").PN. OR ("4326771").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/04 08:27 |
| S45 | 11 | ((optical with (fiber\$1 or fibre\$1)) same (core with (metal or solder))) same (photo\$diode\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/04 08:27 |
| S46 | 54 | photo\$diode\$1 same anode\$1 same cathode\$1 same ("TIA" or (transimpedance with amplifier\$1)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/04 08:27 |
| S47 | 8 | (optical with (fiber\$1 or fibre\$1)) same photo\$diode\$1 same anode\$1 same cathode\$1 same ("TIA" or (transimpedance with amplifier\$1)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/04 08:27 |

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| S48 | 33 | (US-20050018975-\$ or US-20040129991-\$).did. or (US-4273412-\$ or US-4265699-\$ or US-4346294-\$ or US-4398794-\$ or US-4475789-\$ or US-4493113-\$ or US-4955014-\$ or US-4989051-\$ or US-5001722-\$ or US-5568304-\$ or US-5857049-\$ or US-6027255-\$ or US-6241399-\$ or US-6257772-\$ or US-6406196-\$ or US-4192574-\$ or US-4118100-\$ or US-4166668-\$ or US-4466009-\$ or US-4515432-\$ or US-4241978-\$ or US-4045120-\$ or US-4653847-\$ or US-5032898-\$ or US-6524017-\$ or US-4329190-\$).did. or (US-6017681-\$ or US-6733190-\$ or US-6773169-\$ or US-4457582-\$ or US-4326771-\$).did. | US-PGPUB; USPAT | OR | OFF | 2005/02/04 08:27 |
| S49 | 5 | S48 and (((fiber\$1 or fibre\$1) with core) same (metal or solder)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/04 08:27 |
| S50 | 10 | photo\$diode\$1 same ((fiber\$1 or fibre\$1) with core) same (adher\$3 or secur\$3) same (epoxy or solder or glue or resin) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/04 08:27 |
| S51 | 6 | ((fiber\$1 or fibre\$1) with core) same (adher\$3 or secur\$3) same (epoxy and solder and metal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/04 08:27 |
| S52 | 16 | ((fiber\$1 or fibre\$1) with core) same (adher\$3 or secur\$3) same (resin and solder) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/04 08:27 |
| S53 | 3 | ((fiber\$1 or fibre\$1) with core) same (adher\$3 or secur\$3) same (resin and (metal with solder)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/04 08:27 |

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| S54 | 4 | ((fiber\$1 or fibre\$1) with core) same (adher\$3 or secur\$3) same ((epoxy or resin or glue or adhesive) and (metal with solder)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/04 08:27 |
| S55 | 29 | ((fiber\$1 or fibre\$1) with core) same (adher\$3 or secur\$3) same ((epoxy or resin or glue or adhesive) and solder) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/04 08:27 |
| S56 | 336 | S34 not (S36 S37 S38 S39 S40 S41 S42 S43 S44 S45 S47 S46 S48 S49 S50 S51 S52 S53 S54 S55) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/04 08:28 |
| S57 | 1 | 1978-A5045A.NRAN. | DERWENT | OR | OFF | 2005/02/04 08:30 |
| S58 | 16 | ("4744619" "5018817").PN. OR ("5071215").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/04 09:57 |
| S59 | 7 | ((integrated adj optic\$1) near2 photo\$diode\$1) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/04 09:58 |
| S60 | 8 | ((integrated adj optic\$1) near2 photo\$diode\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/04 10:00 |